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NEWS	2	Apr 08	"Ask CAS" for self-help around the clock
NEWS	3	Apr 09	BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS	4	Apr 09	ZDB will be removed from STN
NEWS	5	Apr 19	US Patent Applications available in IFICDB, IFIPAT, and IFIUIDB
NEWS	6	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS	7	Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS	8	Apr 22	Federal Research in Progress (FEDRIP) now available
NEWS	9	Jun 03	New e-mail delivery for search results now available
NEWS	10	Jun 10	MEDLINE Reload
NEWS	11	Jun 10	PCTFULL has been reloaded
NEWS	12	Jul 02	FOREGE no longer contains STANDARDS file segment
NEWS	13	Jul 22	USAN to be reloaded July 28, 2002; saved answer sets no longer valid
NEWS	14	Jul 29	Enhanced polymer searching in REGISTRY
NEWS	15	Jul 30	NETFIRST to be removed from STN
NEWS	16	Aug 08	CANCERLIT reload
NEWS	17	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS	18	Aug 08	NTIS has been reloaded and enhanced
NEWS	19	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS	20	Aug 19	IFIPAT, IFICDB, and IFIUIDB have been reloaded
NEWS	21	Aug 19	The MEDLINE file segment of TOXCENTER has been reloaded
NEWS	22	Aug 26	Sequence searching in REGISTRY enhanced
NEWS	23	Sep 03	JAPIO has been reloaded and enhanced
NEWS	24	Sep 16	Experimental properties added to the REGISTRY file
NEWS	25	Sep 16	Indexing added to some pre-1967 records in CA/CAPLUS
NEWS	26	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS	27	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS EXPRESS			February 1 CURRENT WINDOWS VERSION IS V6.0d, CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP), AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS INTER			General Internet Information
NEWS LOGIN			Welcome Banner and News Items
NEWS PHONE			Direct Dial and Telecommunication Network Access to STN
NEWS WWW			CAS World Wide Web Site (general information)

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 13:54:53 ON 09 OCT 2002

=> file ca, medline, biosis
COST IN U.S. DOLLARS

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0.21	0.21

FILE 'CA' ENTERED AT 13:55:11 ON 09 OCT 2002
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FILE 'MEDLINE' ENTERED AT 13:55:11 ON 09 OCT 2002

FILE 'BIOSIS' ENTERED AT 13:55:11 ON 09 OCT 2002
COPYRIGHT (C) 2002 BIOLOGICAL ABSTRACTS INC. (R)

=> s (dipeptidyl peptidase IV) or (DPP IV)
L1 3408 (DIPEPTIDYL PEPTIDASE IV) OR (DPP IV)

=> s intranasally?
L2 7065 INTRANASALLY?

=> s l1 (p) l2
L3 1 L1 (P) L2

=> d

L3 ANSWER 1 OF 1 CA COPYRIGHT 2002 ACS
AN 136:96044 CA
TI Method of treating rhinitis or sinusitis by **intranasally**
administering **dipeptidyl peptidase IV** or
other peptidase
IN Grouzmann, Eric; Lacroix, Jean-Silvain; Monod, Michel
PA B.M.R.A. Corporation B.V., Neth.
SO U.S., 13 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6337069	B1	20020108	US 2001-794236	20010228
WO 2002067967	A2	20020906	WO 2002-IB225	20020121
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, EG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TC				
PRAI US 2001-794236	A	20010228		

RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE PE FORMAT

=> s nasal? or nose or spray or aerosol?
L4 340288 NASAL? OR NOSE OR SPRAY OR AEROSOL?

=> s l4 (p) l1

L5 9 L4 (P) L1

=> dup rem l5

PROCESSING COMPLETED FOR L5

L6 6 DUP REM L5 (3 DUPLICATES REMOVED)

=> d his

(FILE 'HOME' ENTERED AT 13:54:53 ON 09 OCT 2002)

FILE 'CA, MEDLINE, BIOSIS' ENTERED AT 13:55:11 ON 09 OCT 2002

L1 3408 S (DIPEPTIDYL PEPTIDASE IV) OR (DPP IV)

L2 7065 S INTRANASALLY?

L3 1 S L1 (P) L2

L4 340288 S NASAL? OR NOSE OR SPRAY OR AEROSOL?

L5 9 S L4 (P) L1

L6 6 DUP REM L5 (3 DUPLICATES REMOVED)

=> d 1-6 ab,bib

L6 ANSWER 1 OF 6 CA COPYRIGHT 2002 ACS

AB The present invention is directed to methods of treating mucosal inflammation associated with rhinitis or sinusitis by administering peptidases that recognize and cleave polypeptides at Xaa-Pro sequences. The peptidase is an exopeptidase selected from the group, consisting of: dipeptidyl peptidase IV, quiescent cell proline dipeptidase, dipeptidyl peptidase 8, and attractin. In addition, the invention encompasses therapeutic packages in which pharmaceutical compns. containing the peptidases are preloaded in a device suitable for intranasally delivering drug.

AN 136:96044 CA

TI Method of treating rhinitis or sinusitis by intranasally administering dipeptidyl peptidase IV or other peptidase

IN Grouzmann, Eric; Lacroix, Jean-Silvain; Monod, Michel

PA B.M.R.A. Corporation B.V., Neth.

SO U.S., 13 pp.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6337069	B1	20020108	US 2001-794236	20010228
	WO 2002067967	A2	20020906	WO 2002-IB225	20020121
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRAI US 2001-794236 A 20010228

RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 6 MEDLINE

AB INTRODUCTION: The endothelial serine protease **dipeptidyl peptidase IV (DPP IV)** cleaves the tyrosin-prolin dipeptide of several inflammatory mediators and neuropeptides, including neuropeptide Y (NPY), yielding the endogenous Y2-receptor agonist NPY (3-36) which modulates sensory and parasympathetic

nerve activity. The aims of the study were to investigate the localisation of **DPP IV** in human **nasal** mucosa and to measure in vitro activity of **DPP IV** in **nasal** mucosa biopsies from patients suffering from chronic rhinosinusitis. PATIENTS AND METHODS: Using immunohistochemistry we have studied the localisation of **DPP IV** in human **nasal** biopsies. The activity of **DPP IV** was measured in vitro in **nasal** mucosa samples obtained from 45 patients suffering from chronic rhinosinusitis and compared with the density of inflammatory cell infiltration. RESULTS: Positive immunoreactivity for **DPP IV** was observed in the human **nasal** mucosa. Low activity of **DPP IV** was associated with high density of inflammatory cells in the mucosa of patients suffering from chronic rhinosinusitis. The regressive correlation was statistically significant ($p < 0.001$). CONCLUSION: Low level **DPP IV** activity is associated with inflammation of the **nasal** mucosa. This enzyme may be involved in the pathophysiological mechanism of **nasal** hyperreactivity and chronic rhinosinusitis.

AN 2001098041 MEDLINE
 DN 21022724 PubMed ID: 11141955
 TI [Study of the enzyme peptidyl peptidase IV in nasal mucosa].
 Etude de l'enzyme **dipeptidyl peptidase IV**
 dans la muqueuse **nasale**.
 AU Giger R; Nicoucar K; Kurt A M; Grouzman E; Lacroix J S
 CS Laboratoire de rhinologie experimentale/Clinique et Policlinique
 d'oto-rhino-laryngologie et chirurgie cervico-faciale, Hopitaux
 Universitaires de Geneve.
 SO SCHWEIZERISCHE MEDIZINISCHE WOCHENSCHRIFT. JOURNAL SUISSE DE MEDECINE,
 (2000) Suppl 125 99S-101S.
 Journal code: 0404401. ISSN: 0036-7672.
 CY Switzerland
 DT Journal; Article; (JOURNAL ARTICLE)
 LA French
 FS Priority Journals
 EM 200102
 ED Entered STN: 20010322
 Last Updated on STN: 20020212
 Entered Medline: 20010201

L6 ANSWER 3 OF 6 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
 AB Introduction: The endothelial serine protease **dipeptidyl
 peptidase IV (DPP IV)** cleaves the
 tyrosin-prolin dipeptide of several inflammatory mediators and
 neuropeptides, including neuropeptide Y (NPY), yielding the endogenous
 Y2-receptor agonist NPY (3-36) which modulates sensory and parasympathetic
 nerve activity. The aims of the study were to investigate the localisation
 of **DPP IV** in human **nasal** mucosa and to
 measure in vitro activity of **DPP IV** in **nasal**
 mucosa biopsies from patients suffering from chronic rhinosinusitis.
 Patients and methods: Using immunohistochemistry we have studied the
 localisation of **DPP IV** in human **nasal**
 biopsies. The activity of **DPP IV** was measured in vitro
 in **nasal** mucosa samples obtained from 45 patients suffering from
 chronic rhinosinusitis and compared with the density of inflammatory cell
 infiltration. Results: Positive immunoreactivity for **DPP**
IV was observed in the human **nasal** mucosa. Low activity
 of **DPP IV** was associated with high density of
 inflammatory cells in the mucosa of patients suffering from chronic
 rhinosinusitis. The regressive correlation was statistically significant
 ($p < 0.001$). Conclusion: Low level **DPP IV** activity is
 associated with inflammation of the **nasal** mucosa. This enzyme
 may be involved in the pathophysiological mechanism of **nasal**
 hyper-reactivity and chronic rhinosinusitis.

AN 2001:148531 BIOSIS

DN PREV200100148531
 TI Study of the protease **dipeptidyl peptidase IV**
 in the **nasal** mucosa.
 Original Title: Etude de l'enzyme **dipeptidyl peptidase**
IV dans la muqueuse **nasale**..
 AU Giger, R. (1); Nicoucar, K.; Kurt, A.-M.; Grouzman, E.; Lacroix, J.-S.
 CS (1) Clinique et Policlinique d'Oto-rhino-laryngologie et de Chirurgie
 Cervico-faciale, Hopitaux Universitaires de Geneve, CH-1211, Geneve 14
 Switzerland
 SO Schweizerische Medizinische Wochenschrift, (2000) Vol. 130, No.
 Supplementum 125, pp. 99S-101S. print.
 ISSN: 0036-7672.
 DT Article
 LA French
 SL English; French

L6 ANSWER 4 OF 6 CA COPYRIGHT 2002 ACS DUPLICATE 1
 AB The activities of some enzymes were described in the developing human
nasal cavity in relatively early stages. In cryostat sections of
 the 8-14-wk-old fetuses processed by standard Lojda methods, activities of the
 following enzymes were found in the respiratory and olfactory regions:
 alkaline phosphatase, acid phosphatase, ATPase, thiamin pyrophosphatase,
 α -glycerol-3-phosphate dehydrogenase, glucose 6-phosphate
 dehydrogenase, succinate dehydrogenase, and acid nonspecific esterase.
 The pos. reaction for **dipeptidyl peptidase IV**
 failed to be proven in this localization, it was not detected even in the
 capillary bed of the **nasal** cavity.
 AN 123:194720 CA
 TI Enzymic equipment of the nasal mucosa in the developing human nasal cavity
 AU Pospisilova, Eva; Lichnovsky, Vaclav
 CS Medical Faculty, Palacky University, Olomouc, Czech Rep.
 SO Acta Universitatis Palackianae Olomucensis, Facultatis Medicae (1994),
 137, 23-6
 CODEN: AUPMAF; ISSN: 0301-2514
 PB Vydavatelstvi Univerzity Palackeho
 DT Journal
 LA English

L6 ANSWER 5 OF 6 CA COPYRIGHT 2002 ACS DUPLICATE 2
 AB The localization of dipeptidylpeptidase IV (**DPP IV**)
 activity was studied at light microscope level in the mucosa, glands and
 capillary endothelium of the human foetuses and rat, mouse and guinea pig
 in some prenatal and postnatal terms. Alkaline phosphatase reaction was used
 for complete histochem. demonstration of capillary endothelium. The two
 enzymes were mapped by Lojda's methods (12). The study brings knowledge
 of the localization of **DPP IV** activity in the
nasal cavity structures and gives a different time survey of the
 onset of **DPP IV** activity during ontogenesis.
 Considering this activity we can presume that this membrane-bound protease
DPP IV may participate in the metabolism of neuropeptides in
 the **nasal** cavity and play some role in immunol. disturbances of
 patients with rhinitis.
 AN 122:28409 CA
 TI Histochemical study of dipeptidylpeptidase IV in the nasal cavity organs
 of laboratory rodents and man
 AU Kubisova, Ilona; Pospisilova, Blanka
 CS Department of Anatomy, Slovakia
 SO Sbornik Vedeckych Praci Lekarske Fakulty Univerzity Karlovy v Hradci
 Kralove (1992), 35(4), 285-92
 CODEN: SVLKAO; ISSN: 0049-5514
 PB Univerzita Karlova
 DT Journal
 LA English

L6 ANSWER 6 OF 6 CA COPYRIGHT 2002 ACS
 AB Dipeptidylpeptidase IV (**DPP IV**) was studied by
 electron and light microscopy in Pacinian corpuscles of mesentery and
 simple sensory corpuscles from the hairless skin of the planum
nasale of the cat. Under the light microscope, **DPP**
IV was localized in all capsule lamellae in the preterminal parts
 of Pacinian corpuscles. In simple sensory corpuscles, the narrow streak
 and capillaries at the surface and capillaries entering their capsule
 showed distinct staining. At the electron microscope level, a fine
 reaction product was scattered in the cytoplasm in all capsule lamellae,
 mainly around endoplasmic reticulum close to the nuclei of both the
 capsule and the inner core cells. Amorphous reaction product was bound to
 the plasma membrane of the inner core lamellae and the Schwann cells of
 nerve bundles. In simple sensory corpuscles, heavy deposits of reaction
 product were found in the cytoplasm of capsule lamellae with or without
 basement membrane. **DPP IV** was also seen in lysosomes
 and in vacuole membranes of both types of lamellae.

AN 101:36466 CA
 TI Localization of DPP IV in sensory corpuscles by means of light and
 electron microscope
 AU Dubovy, P.; Malinovsky, L.
 CS Med. Fac., J. E. Purkyne Univ., Brno, Czech.
 SO Histochem. J. (1984), 16(4), 473-5
 CODEN: HISJAE; ISSN: 0018-2214
 DT Journal
 LA English

=> d his

(FILE 'HOME' ENTERED AT 13:54:53 ON 09 OCT 2002)

FILE 'CA, MEDLINE, BIOSIS' ENTERED AT 13:55:11 ON 09 OCT 2002

L1 3408 S (DIPEPTIDYL PEPTIDASE IV) OR (DPP IV)
 L2 7065 S INTRANASALLY?
 L3 1 S L1 (P) L2
 L4 340288 S NASAL? OR NOSE OR SPRAY OR AEROSOL?
 L5 9 S L4 (P) L1
 L6 6 DUP REM L5 (3 DUPLICATES REMOVED)

=> s l4 and l1

L7 10 L4 AND L1

=> s l7 not l5

L8 1 L7 NOT L5

=> d

L8 ANSWER 1 OF 1 CA COPYRIGHT 2002 ACS
 AN 130:308784 CA
 TI Novel fluorescent reporter molecules and their applications including
 assays for caspases
 IN Weber, Eckard; Cai, Sui Xiong; Keana, John F. W.; Drewe, John A.; Zhang,
 Han-Zhong
 PA Cytovia, Inc., USA
 SO PCT Int. Appl., 203 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9918856	A1	19990422	WO 1998-US21231	19981009
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,				

DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG,
 KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX,
 NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT,
 UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES,
 FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,
 CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

CA 2308125 AA 19990422 CA 1998-2308125 19981009
 AU 9910722 A1 19990503 AU 1999-10722 19981009
 EP 1026988 A1 20000816 EP 1998-953317 19981009

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO

JP 2001519368 T2 20011023 JP 2000-515498 19981009
 US 6342611 B1 20020129 US 1998-168888 19981009
 US 6335429 B1 20020101 US 2000-521650 20000308

PRAI US 1997-61582P P 19971010
 US 1998-33661 A 19980303
 US 1998-145746P P 19980303
 US 1998-168888 A3 19981009
 WO 1998-US21231 W 19981009

OS MARPAT 130:308784

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d ab,bib

L8 ANSWER 1 OF 1 CA COPYRIGHT 2002 ACS

AB The present invention relates to novel fluorescent dyes, novel fluorogenic and fluorescent reporter mols. and new enzyme assay processes that can be used to detect the activity of caspases and other enzymes involved in apoptosis in whole cells, cell lines and tissue samples derived from any living organism or organ. The reporter mols. and assay processes can be used in drug screening procedures to identify compds. which act as inhibitors or inducers of the caspase cascade in whole cells or tissues. The reagents and assays described herein are also useful for determining the chemosensitivity of human cancer cells to treatment with chemotherapeutic drugs. The present invention also relates to novel fluorogenic and fluorescent reporter mols. and new enzyme assay processes that can be used to detect the activity of type 2 methionine aminopeptidase, **dipeptidyl peptidase IV**, calpain, aminopeptidase, HIV protease, adenovirus protease, HSV-1 protease, HCMV protease and HCV protease. Caspase-3 substrate, N-Ac-DEVD-N'-octyloxycarbonyl Rhodamine 110 (preparation given), was used to stain apoptotic HL-60 cells.

AN 130:308784 CA

TI Novel fluorescent reporter molecules and their applications including assays for caspases

IN Weber, Eckard; Cai, Sui Xiong; Keana, John F. W.; Drewe, John A.; Zhang, Han-Zhong

PA Cytovia, Inc., USA

SO PCT Int. Appl., 203 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9918856	A1	19990422	WO 1998-US21231	19981009

W: AL, AM, AT, AU, AZ, BA, BB, BG, BP, BY, CA, CH, CN, CU, CZ, DE,
 DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG,
 KP, KR, KZ, LC, LK, LP, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX,
 NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT,
 UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES,
FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,
CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

CA 2308125	AA	19990422	CA 1998-2308125	19981009
AU 9910722	A1	19990503	AU 1999-10722	19981009
EP 1026988	A1	20000816	EP 1998-953317	19981009

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO

JP 2001519368	T2	20011023	JP 2000-515498	19981009
US 6342611	B1	20020129	US 1998-168888	19981009
US 6335429	B1	20020101	US 2000-521650	20000308

PRAI US 1997-61582P P 19971010
US 1998-33661 A 19980303
US 1998-145746P P 19980303
US 1998-168888 A3 19981009
WO 1998-US21231 W 19981009

OS MARPAT 130:308784

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT